

ENERGY AND AUTOMATION

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 63A, FOR REAR MOUNTING

WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION

COVERS, FRONT PLATE 65X65MM

				Rotary cam
Product designation				switches
Product type designat				7GN63
General characteristic	S			08 - ON/OFF
Switching diagram				switch 4 poles
N° of elements				2
				O98 - Rear
				mounting with red/yellow handle
Mounting form				padlockable in 0,
				door coupling
				and protection
Contact characteristics				covers
Rated insulation voltage				
rtated insulation voitag	JC 01	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta	nd voltage Uimp		kV	6
Conventional free air the	hermal current Ith			
		IEC/EN	Α	63
Data Lavarda al alt		UL/CSA	A	60
Rated operational volt			V kV	480
Rated operational imp	r short-circuit protection In (gG)		KV	4
Waximum ruse size for	short circuit protection in (gG)	10kA	Α	63
		15kA	Α	63
		25kA	Α	63
		50kA	Α	63
		63kA	Α	63
Rated short time curre	nt Icw	4-	۸	4000
Conductivity		1s	Α	1600 10/5 mA/V
Operational current le	IFC/FN			10/3 1117/ V
oporational outront to	AC1/AC21A			
			Α	63
	AC15			
		110V	Α	32
		220/230V	A	25
		380/400V 660/690V	A A	15 4
Rated operational pow	ver in AC	000/030 V		- 1
rated operational port	Three-phase AC-3			
		220/230V	kW	11
		380/440V	kW	18.5
	-	500/690V	kW	18.5
	Single-phase AC-3	4401	1.3 4 /	0.7
		110V 220/230V	kW kW	3.7 6.5
		380/440V	kW	11.5
	Three-phase AC23A	330/ 110 V		
	•	220/230V	kW	12.5
		380/440V	kW	30
		500/690V	kW	30



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	Single-phase AC23A			
	emigra primada / teles/ t	110V	kW	3.7
		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational curi	rent in DC			
	DC21A			
		48V	Α	63
		60V	Α	50
		110V	A	8
		220V	Α	1
	DC23A (poles in series)			
		24V	Α	50 (1)
		48V	Α	50 (2)
		60V	Α	50 (3)
		110V	Α	25 (3)
		220V	A	15 (4)
	DC40	2201		10 (7)
	DC13	2.01		00
		24V	Α	63
		48V	Α	40
		60V	Α	28
		110V	Α	3.3
Power dissipation			W	3.4
Mechanical features			VV	J.4
				N 4 =
Terminals screw				M5
Tightening torque for t	terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
	ŭ	min	AWG	14
		[1111]		
		min Max		
	AMO Florible coble	Max	AWG	6
	AWG - Flexible cable	Max	AWG	6
	AWG - Flexible cable	Max min	AWG	14
	AWG - Flexible cable	Max	AWG	6
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min	AWG	14
		Max min Max	AWG AWG AWG	6 14 8
		Max min Max min	AWG AWG AWG	6 14 8 2.5
	Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG	6 14 8
		Max min Max min Max	AWG AWG AWG mm² mm²	6 14 8 2.5 10
	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	6 14 8 2.5 10 2.5
	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	6 14 8 2.5 10 2.5 16
Mechanical life	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm²	6 14 8 2.5 10 2.5
Mechanical life UL technical data	Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	6 14 8 2.5 10 2.5 16
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	6 14 8 2.5 10 2.5 16
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max	AWG AWG AWG mm² mm² mm² mm²	6 14 8 2.5 10 2.5 16
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm² mm² mm² cycles	6 14 8 2.5 10 2.5 16 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max	AWG AWG AWG mm² mm² cycles	6 14 8 2.5 10 2.5 16 5x10 ⁶
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm² mm² cycles	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm² mm² cycles HP HP	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm² mm² cycles	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm² mm² cycles HP HP	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25
UL technical data	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor for single-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25 25
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor for single-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm² mm² cycles HP HP HP HP	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25
UL technical data Motor power for direct	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor for single-phase motor	Max min Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG AWG AWG mm² mm² cycles HP HP HP HP	14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25 25



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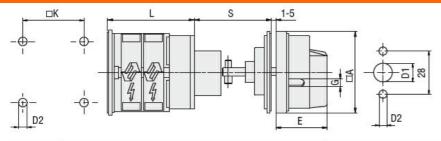
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Storage temperature

min	°C	-40
max	°C	+70

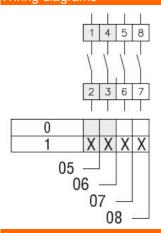
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions



Series -	Dimensions					L					
	□A	D1	D2	Е	G	□K	S	1	2	3	12
7GN12	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN20	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN25	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN40	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN63	65	14	6	38	6	68	45-55	57.3	75.4	93.5	256.4

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete